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	and the first of the persons are required	-
DECLARATI	ON FOR UTILITY OR	
	DESIGN	
PATEN'	T APPLICATION	
(37	' CFR 1.63)	
X Declaration Submitted	Declaration Submitted after Initial	ı

06438 USA **Attorney Docket Number** First Nam d Inventor Bing Ji, et al. COMPLETE IF KNOWN Application Number 10/619,911 Filing Date 15 July 2003 Group Art Unit 1763

	with Initial	Filing (surcharge (37 CFR 1.16 (e))	- Gro	up Art Unit	17	63	
/	Filing	required)	Exa	aminer Name			
	As a below named inventor, I he	reby declare that:					
	My residence, mailing address, and citizenship are as stated below next to my name.						
	I believe I am the original, first and names are listed below) of the sub	sole inventor (if only on- ject matter which is clain	e name is ned and fo	listed below) o r which a pate	or an original ent is sought	I, first and joint invention the invention entited	or (if plural led:
	UNSATURATED OXYGENATED FLUOROCARBONS FOR SELECTIVE ANIOSTROPIC ETCH						
	APPLICATIONS						
		(Title of th	ne Inventio	n)			
	the specification of which						
	is attached hereto						
	OR						
	x was filed on (MM/DD/YYYY)	15 July 2003		as United Sta	ates Applica	tion Number or PCT	International
				L			
	Application Number 10/619,9	11 and was a	mended o	n (MM/DD/YY)	m		(if applicable).
						*****	J
	I hereby state that I have reviewed amended by any amendment spec	and understand the cor ifically referred to above	itents of th	e above identi	ified specific	ation, including the cl	aims, as
	acknowledge the duty to disclose	information which is ma	terial to pa	atentability as o	defined in 37	7 CFR 1.56, including	for continuation-
	in-part applications, material inform PCT international filing date of the	continuation-in-part app	lication.				
	I hereby claim foreign priority bene or plant breeder's rights certificate than the United States of America patent, inventor's or plant breeder application on which priority is clair	a, listed below and hav 's rights certificate(s), or	e also ide	ntified below.	by checking	g the box, any foreig	n application for
	Prior Foreign Application Number(s)	Country		Filing Date	Priority Not Claim		ppy Attached?
		·	•	-			
			· · · · · · · · · · · · · · · · · · ·				
	Additional foreign application	numbers are listed on a	suppleme	ntal priority da	ta sheet PT	O/SB/02B attached h	ereto:

[Page 1 of 2]

Please type a plus sign (+) inside this box

+ PTO/SB/01 (10-00)

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DECLARATION — Utility or Design Patent Application

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Name					11
Address					
Address					
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Country	To	elephone			Fax
made are punishable by fine or imprisor	I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.				
NAME OF SOLE OR FIRST INV	ENTOR:		A petitio	on has been file	ed for this unsigned inventor
Given Name (first and middle [if any]) Bing Family Name or Surname				·	
Inventor's Signature					21 July, 2003 Date
Residence: City Allentown		PA State		USA Country	USA Citizenship
6736 Windermere Court Mailing Address					
Mailing Address					
City Allentown	PA State		ZIP	18104	USA Country
NAME OF SECOND INVENTOR	:		A petition	on has been fil	ed for this unsigned inventor
Given Name (first and middle [if any]) Ronald Martin Family Name or Surname Pearlstein				in ·	
Inventor's Man Hart Att Date 21 July 2003					
Residence: City Macungie	-	PA State		USA Country	USA Citizenship
118 Brookfield Drive Mailing Address					
Mailing Address					
Macungie City	PA State		ZIP	18062	USA Country
Additional inventors are being named on the 2 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.					

PTO/SB/02A (11-00)

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DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet Page _ 1 of _ 2

The second party of the second case and include any other case of the second case of the					
Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])	Family Name or Surname				
Røbert George		Syvret			
Inventor's Signature Surface S	M		July 22, 2003		
Residence: Cty Allentown	PA State	USA Country	Canada Citizenship		
Mailing Address 1156 Clearwood Drive					
Mailing Address					
City Allentown	State PA	ZIP 18103-5451 Co	USA untry		
Name of Additional Joint Inventor, if an	y:	A petition has been filed for	or this unsigned inventor		
Given Name (first and middle [if any])		Family Name	or Surname		
Peter R.		Badowski			
Inventor's Polen C. B	adows	hu	Date 7/17/03		
Residence: City White Haven	State PA	USA Country	USA Citizenship		
Mailing Address 100 Towanda Street					
Mailing Address					
White Haven	PA State	18661 ZIP	USA Country		
Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])		Family Na	me or Surname		
Stephen Andrew Motika					
Inventor's Stephen Andr	ew MR	olika	Date 17 Texy 03		
Kutztown Residence: City	PA State	USA Country	USA Citizenship		
Mailing Address 817 Noble Street					
Mailing Address					
City	PA State	19530	USA Country		

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page _ 2 of _ 2

Name of Additional Joint Inventor, if a	ny:		A petition has been file	d for t	nis unsigned inventor
Given Name (first and middle [if any])			Family Nan	e or S	umame
Eugene Joseph			Karwacki, J	r.	
Inventor's Signature Gegar forey (and	ele f	<i></i>			21 July 2003 Date
Residence: City	PA State		USA Country		JSA Citizenship
Mailing Address 5620 Snowdrift Lane	T				
Mailing Address					•
City Orefield	state State		ZIP 18069	JSA JSA	y
Name of Additional Joint Inventor, if a	ny:		A petition has been filed	for thi	s unsigned inventor
Given Name (first and middle [if any])		Family Nan	e or S	umame
Kerry Benard	··		Berger		
Inventor's Signature Chara (Zu	-			Date 7/17/03
Residence: City Lehighton	PA State		USA Country		USA Citizenship
Malling Address 175 Thunder Lane					
Mailing Address					
Lehighton City	PA State		18235 ZIP	USA	
Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])		Family I	lame o	or Surname
	•				
Inventor's Signature					Date
Residence: City	State		Country		Citizenship
Mailing Address					
Mailing Address					
City	State		ZIP	Co	untry

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PTO/SB/81 (08-03)
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Application Number	mation unless it displays a valid OMB control number. 10/619,911
Filing Date	15 July 2003
First Named Inventor	Bing Ji, et al.
Title	Unsaturated Oxygenated Fluorocarbons
Art Unit	1763
Examiner Name	
Attorney Docket Number	06438 USA

I hereby appoint:					
X Practitioners at Customer Number:	23543				
OR					
Practitioner(s) named below:					
Name			Registration	Number .	

			· · · · · · · · · · · · · · · · · · ·		
as my/our attomey(s) or agent(s) to prosecu Trademark Office connected therewith.	te the application identified above,	and to trans	sact all business	in the United States Pa	tent and
Please recognize or change the correspond		eo application	on to:		
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Country '					
Telephone		Fax			
l am the:					
Applicant/Inventor. X Assignee of record of the entire into				•	
Assignee of record of the entire into Statement under 37 CFR 3.73(b) is	erest. See 37 CFR 3.71. s enclosed. (Form PTO/SB/96)				
	SIGNATURE of Applicant or Ass	sign ee of R	Record		
Name Mark L. Rodgers					
Signature MCL 2 Box					
Date 3 November 2003			Telephone	610-481-8817	
NOTE: Signatures of all the inventors or assignees forms if more than one signature is required, see b		epresentative	e(s) are required. S	submit multiple	
*Total of forms are su	bmitted.				

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/96 (08-00)

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STATEMENT UNDER 37 CFR 3.73(b)			
Applicant/Patent Owner: Bing Ji, et al.			
Application No./Patent No.: 10/619,911			
Entitled: Unsaturated Oxygenated Fluorocarbons fo			
Air Products and Chemicals, Inc. , a corpora			
(Name of Assignee) (Type of Assi	gnee, e.g., corporation, partnership, university, government agency, etc.)		
states that it is:			
1. X the assignee of the entire right, title, and interest;	or		
2. an assignee of less than the entire right, title and the extent (by, percentage) of its ownership interests.	interest. est is%		
in the patent application/patent identified above by virtue	of either:		
A. [x] An assignment from the inventor(s) of the patent a was recorded in the United States Patent and Trawhich a copy thereof is attached.	application/patent identified above. The assignment idemark Office at Reel, Frame, or for		
OR			
B. [] A chain of title from the inventor(s), of the patent a assignee as shown below:	application/patent identified above, to the current		
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[] Additional documents in the chain of title are	e listed on a supplemental sheet.		
[] Copies of assignments or other documents in the cha [NOTE: A separate copy (i.e., the original assignmen must be submitted to Assignment Division in accorda recorded in the records of the USPTO. <u>See</u> MPEP 30	t document or a true copy of the original document) nce with 37 CFR Part 3, if the assignment is to be		
The undersigned (whose title is supplied below) is author	ized to act on behalf of the assignee.		
3 November 2003	Mark L. Rodgers		
Date	Typed or printed name		
•	Signature		
	Assistant General Counsel, Patents		
	Title		

ASSIGNMENT

For value received, we, Bing Ji, Ronald Martin Pearlstein, Robert George Syvret, Peter R. Badowski, Stephen Andrew Motika, Eugene Joseph Karwacki, Jr., and Kerry Renard Berger, hereby sell, assign, and transfer to **AIR PRODUCTS AND CHEMICALS**, **INC.**, a corporation of the State of Delaware, having an office at 7201 Hamilton Boulevard, Allentown, PA 18195-1501, the entire right, title, and interest in and to the invention relating to

UNSATURATED OXYGENATED FLUOROCARBONS FOR SELECTIVE ANIOSTROPIC ETCH APPLICATIONS

described in our application for Letters Patent of the United States (identified by Docket No. 06438 USA) executed of even date herewith, in and to all Letters Patent which may be issued upon said application, in and to any divisional or reissue applications based thereon, and in and to all Letters Patent upon said invention or improvements which may be granted in foreign countries. We hereby also assign and convey to said **AIR PRODUCTS AND CHEMICALS**, **INC.**, all the rights accruing to us by virtue of the International Convention for the Protection of Industrial Property (Art. 4), including the right to apply for and to have patents issued in its own name.

And we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and the Officials of the Patent Offices of all other countries to issue the Letters Patent of their respective countries to said **AIR PRODUCTS AND CHEMICALS, INC.**, as assignee of the entire right, title, and interest in and to the same.

And we hereby promise and agree to execute all papers and perform all acts necessary to secure to and vest in said **AIR PRODUCTS AND CHEMICALS, INC.**, its successors and assigns, the rights conveyed as herein set forth.

Birng Ji (L.S.)	Ronald Martin Pearlstein (L.S.)
21 July, 200 3 Date	21 July 2003 Date
Chert George Syvret (L.S.)	Peter R. Badowski
July 22, 2003 Date	7/17/03 Date
Stephen Andrew Motika	Eugene Joseph Karwacki, Jr.
17 Tuy 03 Date	21 Js/2 2003 Date
Kerry Renard Berger (L.S.)	
Date Date	